**VCE IT Applications Unit 3 Outcome 2 2015**

**Outcome***:* **Design, and develop using a relational database management system, a solution to an information problem, and discuss why and how data is acquired via websites.**

**Assessment Requirements:**

**Analysis**:

Define the problem – rewrite the problem in your own words by providing a succinct and logical problem statement. **2 Marks**

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**Design: 13 Marks**

1. **ERD Diagram, 2 Marks**
2. **Data Structure Tables, 3 Marks**

**Table \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Field** | **Data type** | **Field size** | **Input mask/ or Filemaker Max Characters** | **Description** | **Validation Rule** | **Validation Text** |
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1. **Data Structure Tables, 3 Marks**

**Table \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Field** | **Data type** | **Field size** | **Input mask/ or Filemaker Max Characters** | **Description** | **Validation Rule** | **Validation Text** |
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1. **Data Structure Diagram, Relationship Diagram, 1 Mark**
2. **Test Data Table, 2 Marks**

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| **Formula/Function to Test** | **Test Data** | **Expected/Required Result** | **Why?** |
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**Layout Diagram, design of input screen and an output or report, 3 Marks**

**Development: As per Criteria Sheet, 19 marks**

**Testing: As per Criteria Sheet, 6 Marks**

**Test Table:**

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| **Formula/Function to Test** | **Test Data** | **Expected/Required Result** | **Why?** |
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